

Nebulæ discovered and observed at the Marseilles Observatory.
By M. E. Stéphan.

Mean Positions for 1870·0.

Names of the Comparison Stars.			R.A.			N.P.D.			
			h	m	s	°	'	"	
281 Weisse (n.c.) H. I.	9		1	12	3·05	74	21	25·9	Very very faint, very small, round, condensed at centre, but no bright point. (Scarcely perceptible.)
583 Weisse (n.c.) H. I.	8-9		1	29	18·33	48	20	28·8	Very very faint, very small, round, brighter at centre, but no bright point, properly so called.
1268 Weisse (n.c.) H. I.	8		1	54	53·40	58	33	30·8	Two neighbouring nebulae. The two nebulae are very very faint, very small; no bright points. The first is slightly more extended than the second, which is scarcely perceptible.
			1	55	46·82	58	33	7·3	
3971 Lalande	8½		1	58	29·25	77	22	17·8	Round, very small, very faint, more condensed at the centre, but no bright point, properly so called.
4713 Lalande	8½		2	23	28·11	59	49	52·1	Round, very small, not bright, bright points near the centre, seems resolvable.
465 Weisse (n.c.) H. II.	6-7		2	23	31·59	60	59	25·0	Very very small and faint, round, brighter at centre.
502 Weisse (n.c.) H. II.	9		2	25	3·84	62	30	24·1	Extremely faint, small, gradually brighter towards the middle. Bright point.
655 Weisse (n.c.) H. II.	8		2	26	35·20	61	15	40·9	Moderately bright, of irregular form, lengthened in a direction inclined about 75° to the meridian; several bright points.
631 Rümker H. II.	6		2	27	18·08	67	9	31·1	Round, very very small, very faint, bright centre.
786 B.A.C.	6		2	27	19·20	59	3	6·4	Round, very very faint, very small, condensation at centre.
665 Rümker	9		2	30	17·32	49	2	13·8	Group of seven neighbouring nebulae; all are extremely small and faint. No. 3 almost imperceptible; 1, 2, 5, and 6 have nearly the same brightness; 4 is rather diffuse, and somewhat more extended than 1, 2, 5, and 6, but fainter; 7 is less faint than the rest, a bright point in the middle.
"			2	30	24·64	48	55	7·0	
"			2	30	32·33	48	53	45·6	
"			2	30	35·46	49	6	22·7	
"			2	30	57·00	48	53	36·5	
"			2	31	12·61	49	4	18·5	
677 Arg. Z. + 40°	7·1		2	33	55·63	49	3	20·3	Extremely small and faint; a bright point.
502 Arg. Z. + 34°	9·4		2	34	39·58	55	47	40·5	
1459 Weisse (n.c.) H. II.	9		3	4	9·68	51	10	24·7	Extremely faint, very small, round, no bright point, somewhat diffuse.

*Mean Positions adopted of the Comparison Stars, for the
Epoch 1870.0.*

Names of the Comparison Stars.		R.A.			N.P.D.		
		h	m	s	°	'	"
281 Weisse (n.c.) H. I.	9	1	14	57.93	74	17	51.4
583 Weisse (n.c.) H. I.	8-9	1	27	38.10	48	16	14.6
1268 Weisse (n.c.) H. I.	8	1	54	12.99	58	30	37.0
3971 Lalande	8½	2	2	46.50	77	26	25.5
4713 Lalande	8½	2	27	53.72	55	52	50.1
465 Weisse (n.c.) H. II.	6.7	2	20	32.93	60	54	44.9
502 Weisse (n.c.) H. II.	9	2	22	0.27	62	32	22.4
655 Weisse (n.c.) H. II.	8	2	28	3.71	61	20	54.4
631 Rümker H. II.	6	2	21	49.24	67	6	46.9
786 B.A.C.*	6	2	24	11.23	58	59	27.6
665 Rümker H. II.	9	2	29	14.28	48	57	27.8
677 Arg. Z. + 40°	7.1	2	35	26.70	49	3	23.4
502 Arg. Z. + 34°	9.4	2	35	46.86	55	45	47.9
1459 Weisse (n.c.) H. II.	9	3	1	58.38	51	10	29.8

Erratum by Mr. Hunt.

The wood-engraver has made an important omission in the copy of the little map of Struve's stars, at page 91 of the *Monthly Notice* for January. He has omitted the star of Weisse's Bessel Hora xix, No. 745 of the 8th mag., at the centre of the trifolium where the three dotted lines meet. As the map is now drawn it represents simply a triangle, and requires the central star to answer to Sir W. Herschel's graphic description:—"A telescopic trifolium north following K, similar to that on the hand of *Aquarius*." Another omission was made in the map (not, however, important to the subject under discussion), namely, that of Weisse's Bessel, No. 692, 8.5 mag., and R.A., 19^h 26^m 11^s, Dec.—10° 44' 32".

*Chad Road, Edgbaston,
Feb. 5th, 1872.*

* Another star must be intended. The place of 786 B.A.C. (15 *Trianguli*) for 1870.0 is in R.A. 2^h 17^m 52^s.66 and N.P.D. 55° 52' 50".88.